

## INFORMATION DISCLOSURE CITATION

Sheet 2 of 4

Applicant: Glenn McGall

Filing Date: August 31, 2000

AUG 03 2001

Group: 1641

## U.S. PATENT DOCUMENTS

TECH CENTER 1600/2900

Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
AB	BA	5,491,074	02/13/96	Aldwin et al.	435	69.7	05/24/93
	BB	5,510,270	04/23/96	Fodor et al.	436	518	09/30/92
	BC	5,527,681	06/18/96	Holmes	435	6	11/05/92
	BD	5,550,215	08/27/96	Holmes	530	334	11/28/94
	BE	5,556,752	09/17/96	Lockhart et al.	435	6	10/24/94
	BF	5,571,639	11/05/96	Hubbell et al.	430	5	05/24/94
	BG	5,593,839	01/14/97	Hubbell et al.	435	6	06/02/95
	BH	5,599,695	02/04/97	Pease et al.	435	91.1	02/27/95
	BI	5,624,711	04/29/97	Sundberg et al.	427	261	04/27/95
	BJ	5,631,734	05/20/97	Stern et al.	356	317	02/10/94
	BK	5,639,603	06/17/97	Dower et al.	435	6	11/02/93
	BL	5,677,195	10/14/97	Winkler et al.	436	518	11/20/92
	BM	5,677,388	10/14/97	Koster et al.	525	314	10/08/96
AB	BN	5,708,102	01/13/98	Fryd et al.	526	172	03/03/95

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
AB	BO	WO 92/20702 ~	11/26/92	PCT WIPO			X	
AB	BP	WO 99/06425 ~	02/11/99	PCT WIPO			X	

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

AB	BQ	Georges et al., "Narrow Molecular Weight Resins by a Free-Radical Polymerization Process," <i>Macromolecules</i> , 26:2987-2988 (May 24, 1993)					
AB	BR	Greszta et al., "Living Radical Polymerization. 1. Possibilities and Limitations," <i>Macromolecules</i> , 27:638-644 (Jan. 31, 1994)					
AB	BS	Hawker, "Molecular Weight Control by a 'Living' Free-Radical Polymerization Process," <i>J. Am. Chem. Soc.</i> , 116:11185-11186 (1994)					

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U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No. 03848-00050

Serial No. 09,652,962  
TECH CENTER 1600/2900INFORMATION DISCLOSURE CITATION  
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Applicant: Glenn McGall

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## U.S. PATENT DOCUMENTS

Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
MS	CA	5,728,747	03/17/98	Kazmaier et al.	522	11	08/08/96
	CB	5,744,101	04/28/98	Fodor et al.	422	131	02/14/95
	CC	5,744,305	04/28/98	Fodor et al.	435	6	06/06/95
	CD	5,753,788	05/19/98	Fodor et al.	536	22.1	05/19/95
	CE	5,770,456	06/23/98	Holmes	436	518	05/13/96
	CF	5,773,571	06/30/98	Nielsen et al.	530	300	02/01/96
	CG	5,786,461	07/28/98	Buchardt et al.	536	18.7	05/01/97
	CH	5,807,937	09/15/98	Matyjaszewski et al.	526	135	11/15/95
	CI	5,831,070	11/03/98	Pease et al.	536	25.3	04/19/96
	CJ	5,843,655	12/01/98	McGall	435	6	09/18/95
	CK	5,852,129	12/22/98	Kusakabe et al.	525	330.3	11/28/97
	CL	5,856,011	01/05/99	Sogabe	428	411.1	10/14/97
MS	CM	6,022,963	02/08/00	McGall et al.	536	25.3	04/10/96

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
MS	CN	WO 00/43539	07/27/00	PCT WIPO				
MS	CO	WO 00/61282	10/19/00	PCT WIPO				

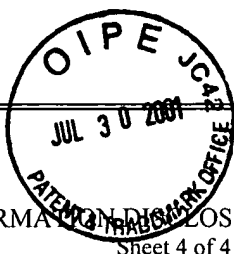
## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

MS	CP	Hiltunen et al., "Effect of Catalyst and Polymerization Conditions on the Preparation of Low Molecular Weight Lactic Acid Polymers," <i>Macromolecules</i> , 30:373-379 (Feb. 10, 1997)					
MS	CQ	Huang and Wirth, "Surface-Initiated Radical Polymerization on Porous Silica," <i>Analytical Chemistry</i> , 69:4577-4580 (Nov. 15, 1997)					

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U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No. 03848-00050

Serial No. 09/652,962

## INFORMATIONAL DISCLOSURE CITATION

Sheet 4 of 4

Applicant: Glenn McGall

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Group: 1641

## U.S. PATENT DOCUMENTS

Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	DA						
	DB						
	DC						
	DD						

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## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
	DE							

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

NR	DF	Husseman et al., "Controlled Synthesis of Polymer Brushes by "Living" Free Radical Polymerization Techniques," <i>Macromolecules</i> , 32:1424-1431 (March 9, 1999)
NR	DG	Kobayashi et al., "Silane Coupling Agent Having Dithiocarbamate Group for Photographing of Sodium Styrene Sulfonate on Glass Surface," <i>J. Appl. Poly. Sci.</i> , 49:447-423 (July 15, 1993)
NR	DH	Lee et al., "Polymerization of Vinyl Monomers Initiated by Chromium <sup>(III)</sup> Acetate+Organic Peroxides," <i>J. Chem. Soc. Trans. Faraday Soc. I</i> , 74:1726 (1978)
NR	DI	McGall et al., "The Efficiency of Light-Directed Synthesis of DNA Arrays on Glass Substrates," <i>J. Am. Chem. Soc.</i> , 119:5081-5090 (June 4, 1997)
NR	DJ	Prucker and R��he, "Synthesis of Poly(styrene) Monolayers Attached to High Surface Area Silica Gels through Self-Assembled Monolayers of Azo Initiators," <i>Macromolecules</i> , 31:592-601 (1998)
NR	DK	Prucker and Ruehe, "Grafting of polymers to microparticulate silica by using immobilized azo initiators," <i>Macromolecular Chemistry II</i> , University Bayreuth, <i>Trans. Mater. Res. Soc. Jpn.</i> 15A:529-532 (1994)
NR	DL	Tovar et al., "Patterning molecularly thin films of polymers—new methods for photolithographic structuring of surfaces," <i>Supramol. Sci.</i> , 2(2):89-98 (1995)
NR	DM	Yamamoto et al., "Preparation of well-defined polymer brushes on silicon substrate by the surface-initiated ATRP technique and their characterization," <i>Polym. Prepr. (Am. chem. Sc., Div. Polym. Chem.)</i> 40(2):401-402 (1999)
NR	DN	Young and Davis, "Efficient Isolation of Genes by Using Antibody Probes," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 80:1194-1198 (March 1983)

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Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
MS	AA 4,581,429	04/08/86	Solomon et al.	526	220	07/11/84
	AB 5,143,854	09/01/92	Pirrung et al.	436	518	03/07/90
	AC 5,242,974	09/07/93	Holmes	525	54.11	11/22/91
	AD 5,288,514	02/22/94	Ellman	427	2	09/14/92
	AE 5,312,871	05/17/94	Mardare et al.	525	272	07/27/93
	AF 5,324,663	06/28/94	Lowe	435	320.1	07/20/92
	AG 5,384,261	01/24/95	Winkler et al.	436	518	11/22/91
	AH 5,405,783	04/11/95	Pirrung et al.	436	518	03/12/92
	AI 5,412,087	05/02/95	McGall et al.	536	24.3	04/24/92
	AJ 5,424,186	06/13/95	Fodor et al.	435	6	12/06/91
	AK 5,445,934	08/29/95	Fodor et al.	435	6	09/30/92
	AL 5,451,683	09/19/95	Barrett et al.	548	302.7	04/23/93
	AM 5,482,867	01/09/96	Barrett et al.	436	518	04/23/93
MS	AN 5,489,678	02/06/96	Fodor et al.	536	22.1	02/16/95

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Class	Subclass	Translation	
						YES	NO
	<del>AO JP H2-34479</del>	<del>02/05/90</del>	<del>Japan</del>				<del>X</del>
	<del>AP JP H3-99702</del>	<del>04/24/91</del>	<del>Japan</del>				<del>X</del>

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

MS	AQ	Biesalski and R��he, "Preparation and Characterization of a Polyelectrolyte Monolayer Covalently Attached to a Planar Solid Surface," <i>Macromolecules</i> , 32:2309-2316 (April 6, 1999)
MS	AR	Chang and Frank, "Grafting of Poly( $\gamma$ -benzyl-L-glutamate) on Chemically Modified Silicon Oxide Surfaces," <i>Langmuir</i> , 12:5824-5829 (Nov. 12, 1996)
MS	AS	Chang and Frank, "Vapor Deposition-Polymerization of $\alpha$ -Amino Acid N-Carboxy Anhydride on the Silicon(100) Native Oxide Surface," <i>Langmuir</i> , 14:326-334 (Jan. 20, 1998)

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